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RAW SEQUENCE LISTING

DATE: 06/26/2001

PATENT APPLICATION: US/09/879,445

TIME: 15:09:16

Input Set : N:\CrF3\RULE60\09879445.txt

Output Set: N:\CRF3\06262001\I879445.raw

ENTERED

SEQUENCE LISTING

#2.

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Mundy, Gregory R.

7 Gallwitz, Wolf

9 (ii) TITLE OF INVENTION: SCREENING ASSAY FOR THE IDENTIFICATION

10 OF AGENTS WHICH INHIBIT CANCER

11 METASTASIS TO BONE

13 (iii) NUMBER OF SEQUENCES: 1

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Arnold, White & Durkee

17 (B) STREET: P.O. Box 4433

18 (C) CITY: Houston

19 (D) STATE: Texas

20 (E) COUNTRY: USA

21 (F) ZIP: 77210

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk

25 (B) COMPUTER: IBM PC compatible

26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/09/879,445

C--> 31 (B) FILING DATE: 11-Jun-2001

32 (C) CLASSIFICATION:

34 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 08/915,868

36 (B) FILING DATE:

38 (viii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: Highlander, Steven L.

40 (B) REGISTRATION NUMBER: 37,642

41 (C) REFERENCE/DOCKET NUMBER: OSTs:002PZ1

43 (ix) TELECOMMUNICATION INFORMATION:

44 (A) TELEPHONE: 512/418-3000

45 (B) TELEFAX: 512/474-7577

48 (2) INFORMATION FOR SEQ ID NO: 1:

50 (i) SEQUENCE CHARACTERISTICS:

51 (A) LENGTH: 4348 base pairs

52 (B) TYPE: nucleic acid

53 (C) STRANDEDNESS: single

54 (D) TOPOLOGY: linear

56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

58	AGGATCCCAT	CAGCTTGATG	CATATCTATA	CACCTCCTCC	TGAGGCAGTT	CCTCCAGAGG	60
60	TTAGCAGCCC	GCCCTGTTCC	TGGAGAAGTC	TTATCCTCAC	CTAACTACAA	AAAGCATTTA	120
62	ATAAAGAAAC	ACACCCTTTC	CTATTGTTAC	TTGGGGTTTG	AAGGCATTAC	ATCTTTTTTT	180
64	CTTTTTTGCT	ACCTTGAGGT	CAGCTGGCAA	CAGCCTCCTC	TCAAGTCTCA	GTCCAGGCCA	240
66	GCGATGAGAG	CCACATTCTA	ATGGAATCCA	ATGAGAGCAT	TACTTGAGCT	GATTATGCAA	300
68	CGTCTCTTTG	TAAACATTGA	AAAAAGTTTG	GAGAAGAGAT	GGGATGAGTT	TAGTTGTTTG	360

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70	GTTCCAGGGG	ATTTTAGAGA	CATACGTTGC	AGCTACAGAT	TGGTAAATGT	GAAATCTGGA	420
72	TGCTTATTGG	TAATAAGAGA	ATTCCTCAAGC	CCAGGTGCAC	TGTTTAAAGT	GCTATAGATT	480
74	CATATTTGGT	TTATAATGTA	TATCTGTTTG	CTGTTTGGGT	TAAGGAGGAA	AGAAGAAAAGA	540
76	AGGATGAAGA	GGCTAAGCAT	AAATGCTATT	TACTTTTTTC	TAAGCTATGA	CAGGAGATAT	600
78	ACATTAAGTG	GGTATTCAAC	TGAATTTAAG	AGTAATGCAT	TTAAAAATTT	TTCAACCTCT	660
80	ATTAAAAATTT	GATATACTGT	AATAAACTGC	CACTGGGGAT	GGGAAGATGG	AAGCCTGGTG	720
82	CTCATGGGCT	AGGCATTTGT	GTAGGTGTAG	ATCTTATAAT	GCTAAACATG	GAAATACTTC	780
84	AGATTAGAGG	CAGGCCTCCC	ATTTGCTAAG	GTGCATTTAC	ATGACAGCAA	GGCCTAAGCA	840
86	AACATTTAGC	TTCTATTGGC	ACTTGTCTTA	TTTCTAAACC	TTAGAAAAAA	GGTGTGTGTG	900
88	TGGGCTGGGG	GGACGGGGGG	GGGAGGGAGG	TGGTAGGGGG	TGCTCTTGCT	GTGTCTCATT	960
90	TGCAGTCATG	CATCCTCTGC	ATTATTATGA	TGGAGATTAC	TCAGTTATGT	TAGGAACTAG	1020
92	ATTATGATGT	CAGAAAATAT	CCTTTCCAAA	ACAGGCCAAA	AGTCAGGGTC	CTGGGTATAT	1080
94	ATTGAGGAGA	ATTTCTACGG	AAAGTAATAA	ACAGGGCAGC	TTGGAAGAGG	TACCTGCTTT	1140
96	CTAATAATTG	CCTTTAGTGG	GAACAGAAGT	CTCCTTTCAA	GAAGCTTTTA	ATTCATTTTA	1200
98	AGATTTATTT	TTATGTTTTT	TGAAGAACAA	CAAAAAATAT	TTCTGAAAAA	GACTGCTGAG	1260
100	AAGATTTCCC	TCTTTCAGCC	AGAAGAGCAG	AGAGAAGATT	GTAAATCAAG	GAAAAGGTGA	1320
102	AGTAATAAAT	TAGGAGGGAA	CTTTGGTATT	CCGAGTATAT	AAAGACTATT	TATTTTTTCT	1380
104	GTGTCTATAT	TTTCTCTTTT	TGTGGAGGAG	AGGAAATTCT	AAAAATATTT	GATAGATGTT	1440
106	TTGCCATTAA	CACCAGAAAA	GTGTGTGGGG	AAAAAGAAAG	GAGGGAAGGA	GTGGGGGGTT	1500
108	AATTTTGTGT	AATTAGTAGA	AAAAGCAACA	TAAATCAAAG	CAGTCTATTG	ATGCCAGTCC	1560
110	TTAATTTATA	ATGTTCTGAA	AGTAAAGTGA	ATTTATTTAC	AACATAAGTG	ATTTGATAAT	1620
112	TTCAATTTGA	TTTTTGTTTT	AACCTTCTAT	TGGGAGAAGG	GTTGACTTTT	TAAAGCCTGG	1680
114	ATAGTTTGAA	ACTTGGCTAG	GTACCTTGGA	CTTTTTATTG	TGGAAGCAAA	TATTATCATT	1740
116	TCAATGTTAA	ACAACCTGCA	AGTATTAAT	GGCTCATTTG	TGATTGACTT	TTTTTTTTTT	1800
118	TTTTTTTTTT	TTTTACAGAT	TTCCCCCTTC	AGATCTAACG	ATTACATTAG	GGCTCCTGCA	1860
120	TCTTTTTTGA	AGGATTCTTT	TTATAAATCA	GAAAGTGTTT	GAGGTTCAAA	GGTTGACATT	1920
122	TCTGAGTGCT	GATACTTTGT	CCTTTCATAC	TATCCAAACA	AGTCTAACAT	TTAGAAATCC	1980
124	TTACACATTC	AAGGGAAGTT	GTGGAAATTC	CCAGAGAGAG	AGTGTGTGTG	TGTGCGTGTG	2040
126	TGTGTTTTTG	TTTTGTTTTG	CTTTTTTTCT	TTGTTAGTGA	GAAGAAGCCG	AGTCTTTTAA	2100
128	GGTACGGGGT	TTACAGTAAT	GAAGTGAAGA	AGGCAGGAGG	CTTCTAAGAA	AATATGCCCC	2160
130	CCCACCCAAC	CTAAGCAGTA	AACTTTAACT	GCTAGCTAGC	TGCAGTGAAC	CAGTGGGAGC	2220
132	CCCGATGAGC	GAGGGTCTCG	GTGACAGCGT	GCTATTTCTC	CCACCTGGG	TAAAAATATG	2280
134	GGAGCATCAC	CCGGAAGTGC	GGGCTTGATA	AAGGCCACAT	TCCTTGAATC	ATCTCAAGAA	2340
136	TCTAAATCAC	ACTAGCCTTC	TAGAAACTAA	TGAACCTTAC	CAGCAGGATT	GCCTAGAAGA	2400
138	CAAATATCCC	TTGAATGGTT	CCCAGTCCAC	TCGCGCTCTT	TTCAAAAAGT	TAGAGGAGCC	2460
140	CTGGGGAGGG	TATCCACTCC	CGCTGCAATC	CTTTCCTAGA	TGATACTACC	CAGTAATTC	2520
142	GAGCAGTCTT	TCTTCCCCGC	CCATTAGCTT	TGGAAAGAAC	CTCGGCTTTC	CCGTGCGTTC	2580
144	TCCCAGGCAG	AGCAGCACAT	AACCATAGTT	CCACTGCATC	TGTCCGCTGG	CTGCAGCGAC	2640
146	TCGGATACAG	TCTTCCAAGA	ATCTGTAACC	TGGGACTTTT	GAGGGGGAGG	GGACAAGCAG	2700
148	GTAGGGTATC	AGAGAAAGGA	TGGGTTAGAC	TCCCGACCAT	GAGTGAAAAG	GGCCGTGTGC	2760
150	GTGCTCCAGG	AGTGTGCGTC	CCCCTCTGCA	ATTCAAAAGG	GGGATCTCTC	CTGTGCGCGG	2820
152	GTTTTTTTGG	ACCGGCTCCA	GATGTCTCCC	AGCAGTTCTG	AAACAGCAAA	AAGTGCAATT	2880
154	TAGATATGAA	ATCTGGAAC	GTTTTTGTTT	TTCTAAGCAA	AAGATCTCCC	TCTCTCTAGC	2940
156	CGATGCTCCC	CACCTCAGTT	ATCCCGGGAA	TGGGCCAGGG	AGGAAGGTTC	TCATGCATCG	3000
158	CCCCGAGCTG	CCAGGCGAGC	TTCCGGCTCC	TTAAATTAC	AGGCCAACAG	CCCGCGTCTT	3060
160	CTCCGCGCAG	GCTCCCGGTT	GCCCGCGGTC	CCCGGCCAG	CTCCTTGGCC	TCTCTCTCGT	3120
162	CGGTCCGCCC	CTGGTGGTCT	TGGCGCCCGC	TCGTCCAGCT	CGGCGCGCCG	GGGACCGCCG	3180
164	GCTGCCCGGG	GCAGTCCGCA	CGCCCTCGGG	GATCTCGGCT	CCCGGATCCG	CCGCGCCGGC	3240
166	AGGAGCCGGC	CGGGCCTGGA	GGGAGCAAGC	GGATGCGCCC	ACGCCCCCGG	CACGGGGATG	3300

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168	GCGCGACAGG	GCCCCGGGCTC	CGGGGTGGGG	CTCGGCAGAG	CTCCTGACAG	CTCCGGGGCT	3360
170	CGGCAGCGCG	GGAGGGGGGA	GCTCCGCCGC	TCGCCGCTCA	TTCCCGGCTC	GGGGCTCCCC	3420
172	TCCACTCGCT	CGGGCGGCGC	GGGGCCCGTT	CGGGCCGCCC	GTCGCCGCCC	CCGCCCCCGG	3480
174	CGCGCCCGCC	CGCCAGCCCG	CCTGCGCCCT	CGCTCGCCCC	GCGCGCGTTC	CTAGGGCGCC	3540
176	ACCTCTTTGC	GACTAGCTCA	CTTCTCCGGC	AGGTTTGCCT	CGGAGCGTGT	GAACATTCCT	3600
178	CCGCTCGGTT	TTCAACTCGC	CTCCAACCTG	CGCCGCCCCG	CCAGCATGTC	TCCCCGCCCC	3660
180	TGAAGCGGGC	TGCCGCCTCC	CTGCCGCTCC	GGCTGCCACT	AACGACCCGC	CCTCGCCGCC	3720
182	ACCTGGCCCT	CCTGATCGAC	GACACACGCA	CTTGAAACTT	GTTCTCAGGG	TGTGTGGAAT	3780
184	CAACTTTCCG	GAAGCAACCA	GCCCACCAGA	GGAGGTAGAC	AGACAGCTAT	GTATATATAT	3840
186	GTGGGTTTCG	CTACAAGTGG	CTCTGGAACG	AAAGGGCCTG	GTTCGCAAAG	AAGCTGACTT	3900
188	CAGAGGGGGA	AACTTTCTTC	TTTTAGGAGG	CGGTTAGCCC	TGTTCCACGA	ACCCAGGAGA	3960
190	ACTGCTGGCC	AGATTAATTA	GACATTGCTA	TGGGAGACGT	GTAAACACAC	TACTTATCAT	4020
192	TGATGCATAT	ATAAAACCAT	TTTATTTTCG	CTATTATTTT	AGAGGAAGCG	CCTCTGATTT	4080
194	GTTTCTTTTT	TCCCTTTTTG	CTCTTTCTGG	CTGTGTGGTT	TGGAGAAAGC	ACAGTTGGAG	4140
196	TAGCCGGTTG	CTAAATAAGT	AAGTGCTGAG	AGGCTCCAGA	GAAATTTTTT	TTCTTTTCAA	4200
198	CTTGGGAGAT	GCCCTTGATG	TTGAAGAGGC	TTTTTGAGAG	CGGGCTAAAA	AGGGGGAGCG	4260
200	GAGTAGTGC	GGGAGATGGA	GAGTCCTGAC	TGACACCTCG	GGTCCCATT	CCTTCTGTTG	4320
202	CAGGTCCCGA	GCGCGAGCGG	AGACGATG				4348

VERIFICATION SUMMARY

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L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]